Appointment

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Sent: 4/5/2017 9:23:26 PM
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CC: SOBANSKI Tomasz [Tomasz.SOBANSKI@echa.europa.eu]

Subject: Bioactivity as POD Case Study
Attachments: toxvaldbPOD_and_ExpoCast_and_OED_Values_19April2017.xlsx
Location: teleconference

Start: 4/20/2017 12:00:00 PM
End: 4/20/2017 1:00:00 PM
Show Time As: Busy

Here with ECHA's webex:

JOIN WEBEX MEETING

Personal Address / Ex. 6

Just a reminder of our call tomorrow:

Thurs Apr 20 at 8 AM EDT/8 PM Singapore (GMT+8)/3 PM Helsinki (GMT+3)/2 PM Italy (GMT+2)

Personal Phone / Ex. 6

We look forward to hearing about everyone's progress on compiling POD and exposure information, as well as an updates from ASTAR.

Also, we updated our 'shared' file to contain oral equivalent doses for ToxCast activity (OEDs tab). This is work in progress at this time (attached).

~Thanks,
Katie

Notes from previous call

As an action item following our discussion, I would like to schedule our next call for mid-April. Unfortunately due to conflicts among participants, we are targeting an update call a little bit later in the month, sometime between April 17-24. However, this may be advantageous, as it may allow for collaborators to be able to share their POD and exposure values (as available) for compilation by this next call.

Briefly, here are some very high-level highlights from our call. Unfortunately Jean-Lou could not join us, so I wanted to provide just a very brief overview of our discussions. Please correct any errors on my part.

- EPA-NCCT has exposure and POD information curated now; the overlap between chemicals with in vivo POD information and predicted exposures (ExpoCast) is 446 chemicals.
- HealthCanada has a 70 substance overlap with the original chemical list circulated (chemicals with high-throughput toxicokinetic information and ToxCast/Tox21 data). They are reviewing IUCLID and Word dossiers to extract exposure information. The exposure and POD information is being maintained in a spreadsheet like the EPA-NCCT toxvaldb spreadsheet provided. ECHA asked what the overlap of studies between HealthCanada's curation and EPA-NCCT's curation was, and we decided that it would be good to understand this overlap for any repetition (to be addressed when we combine our information).
- ECHA is working extracting information from IUCLID, and walked us through some of their challenges in extracting information. So far they have some level of information for 345 chemicals from our original list, but the level of data may vary, so perhaps a subset of 150-200 chemicals will have the level of information needed. ECHA is considering how to condense and report the key results (e.g., for a single test material, provide guideline and NOEL/LOEL, etc).
- EFSA (could not join the call) is working currently on extracting the hazard information for the overlap in their chemical set and the chemical list provided. For exposure information, they would like to clarify with the group what population (adult? Children? Total?) would be most appropriate for comparison. *In our ExpoCast values, we will likely use the median and 95% for the total population because stratifying by subpopulation did not make a large difference in the range of values reported.*
- ASTAR has identified and requested 64 ToxCast chemicals for testing in 3 organ-relevant *in vitro* models, and we anticipate these chemicals should ship to them by the end of April.